

# **DART SERVICE INSTRUCTION**

**TO AMEND INSTALLATION INSTRUCTIONS D206-642 REV. L AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-642 REV. 1**

**REF. CANADIAN STC: SH98-4**




**REF. FAA STC: SA00475SE**

**REF. EASA STC: EASA.IM.R.S.01320**

## **INSTRUCTIONS:**

- 1) FOR D206-642-111/-112/-211/-212/-213/-214 SKIDTUBES @ CHANGE 005 AND SUBSEQUENT, MODIFY THE FOLLOWING:
  - a) REPLACE THE D2655 RING WITH THE D3413-1 RING.
  - b) AMEND THE PARTS LIST IN SECTIONS 4.1 AND 4.2 OF INSTALLATION INSTRUCTIONS D206-642 REV. L AND SECTIONS 32.10 AND 32.11 OF THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-642 REV. 1 AS SHOWN ON SHEET 2.
- 2) FOR D206-642-311/-312/-411/-412 SKIDTUBES @ CHANGE 006 AND SUBSEQUENT, REVISION B OF THIS DSI **SUPERCEDES** REVISION A (DISCARD REVISION A). MODIFY THE FOLLOWING:
  - a) REPLACE THE D206-648-011 GROUND HANDLING KIT WITH THE D206-648-013 GROUND HANDLING KIT.
  - b) REPLACE THE D2707-043 AND/OR D2968-043 TOW RING WITH THE D3407-043 TOW RING ASSEMBLY.
  - c) REPLACE THE D2655 RING WITH THE D3413-1 RING.
  - d) REPLACE THE D2659 GHW LUG WITH THE D3414-041 LUG ASSEMBLY.
  - e) AMEND THE PARTS LIST IN SECTIONS 4.3 AND 4.4 OF INSTALLATION INSTRUCTIONS D206-642 REV. L AND SECTIONS 32.12 AND 32.13 OF THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-642 REV. 1 AS SHOWN ON SHEETS 3 AND 4.

NOTE: ALL INSTALLATION FASTENERS FOR THE ABOVE CHANGES HAVE BEEN UPDATED SEE THE AMENDED PARTS LIST FOR DETAILS.

B	ADDED SHEETS 3-5. ADDED CHANGES TO P/L SECTIONS 4.1, 4.2, 4.3 & 4.4 OF IIN FOR GH RING, SECTIONS 4.3 & 4.4 ALSO UPDATED FOR GHW LUG CHANGES. ICA SECTIONS UPDATED ACCORDINGLY.	AJS	08.10.07
A	NEW ISSUE	AJS	08.09.10
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE USA, INC</b>	
DRAWN	AJS	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9421	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
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4.1 206 A/B Low Gear Skidtubes (D206-642)  
32.10 206 A/B Low Gear Skidtubes (ICA-D206-642)

ITEM	Qty -111	Qty -112	Qty -141	Qty -143	PART NUMBER	DESCRIPTION
	X				D206-642-111	SKIDTUBE INSTALLATION, LH
		X			D206-642-112	SKIDTUBE INSTALLATION, RH
	1	1	X		D206-642-141	SKIDTUBE
				X	D206-642-143	WEARSHOE KIT
	1	1			D206-651-041	* 206 GHW ADAPTER <sup>(2)</sup>

**IS:**

34	1	1			AN4C5A	BOLT
35	1	1			AN960C416	WASHER
36	1	1			D3413-1	RING

**WAS:**

34	1	1			AN4-5A	BOLT
35	1	1			AN960JD416	WASHER
36	1	1			D2655	RING

4.2 206 A/B High Gear Skidtubes (D206-642)  
32.11 206 A/B High Gear Skidtubes (ICA-D206-642)




ITEM	Qty -211	Qty -212	Qty -213	Qty -214	Qty -241	Qty -243	PART NUMBER	DESCRIPTION
	X						D206-642-211	SKIDTUBE INSTALLATION, LH
		X					D206-642-212	SKIDTUBE INSTALLATION, RH
			X				D206-642-213	SKIDTUBE INSTALLATION, LH, THRU BOLT
				X			D206-642-214	SKIDTUBE INSTALLATION, RH, THRU BOLT
	1	1	1	1	X		D206-642-241	SKIDTUBE
						X	D206-642-243	WEARSHOE KIT
	1	1	1	1			D206-651-041	* 206 GHW ADAPTER <sup>(3)</sup>

**IS:**

34	1	1	1	1			AN4C5A	BOLT
35	1	1	1	1			AN960C416	WASHER
36	1	1	1	1			D3413-1	RING

**WAS:**

34	1	1	1	1			AN4-5A	BOLT
35	1	1	1	1			AN960JD16	WASHER
36	1	1	1	1			D2655	RING

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MFG. APPR.	N/A	DSI 9421 SHEET 2 OF 5
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4.3 206 L/L-1/L-3/L-4/407 Low Gear & 407 High Gear Skidtubes (D206-642)  
 32.12 206 L/L-1/L-3/L-4/407 Low Gear & 407 High Gear Skidtubes (ICA-D206-642)

IS:

ITEM	Qty -311	Qty -312	Qty -341	Qty -343	Qty -013	PART NUMBER	DESCRIPTION
	X					D206-642-311	SKIDTUBE INSTALLATION, LH
		X				D206-642-312	SKIDTUBE INSTALLATION, RH
	1	1	X			D206-642-341	SKIDTUBE
				X		D206-642-343	WEARSHOE KIT
	1	1			X	D206-648-013	GROUND HANDLING KIT
30	1	1				D3407-043	TOW RING ASSEMBLY
32A	1	1				D3456-1	WASHER
32B	2	2				D3457-1	WASHER
33	1	1				MS21043-4	NUT
34	1	1				AN4C5A	BOLT
35	1	1				AN960C416	WASHER
36	1	1				D3413-1	RING
40					2	D3414-041	LUG ASSEMBLY
41					4	AN3C37A	BOLT
42					8	D2652	BUSHING
43					4	MS21043-3	NUT
44					4	AN960C10	WASHER

WAS:

ITEM	Qty -311	Qty -312	Qty -341	Qty -343	Qty -011	PART NUMBER	DESCRIPTION
	X					D206-642-311	SKIDTUBE INSTALLATION, LH
		X				D206-642-312	SKIDTUBE INSTALLATION, RH
	1	1	X			D206-642-341	SKIDTUBE
				X		D206-642-343	WEARSHOE KIT
	1	1			X	D206-648-011	GROUND HANDLING KIT
30	1	1				D2707-043 (OR D2968-043)	TOW RING
31	1	1				AN960JD1016	WASHER
32	1	1				AN970-4	WASHER
33	1	1				MS21042-4	NUT (OR MS21042L4)
34	1	1				AN4-5A	BOLT
35	1	1				AN960JD416	WASHER
36	1	1				D2655	RING
40					2	D2659	GHW LUG
41					4	AN3-37A	BOLT
42					8	D2652	BUSHING
43					4	MS21042-3	NUT (OR MS21042L3)
44					4	AN960DJ10	WASHER

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MFG. APPR.	N/A	DSI 9421	SHEET 3 OF 5
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4.4 206L/L-1/L-3/L-4 High Gear Skidtubes (D206-642)  
32.13 206L/L-1/L-3/L-4 High Gear Skidtubes (ICA-D206-642)

IS:

ITEM	Qty -411	Qty -412	Qty -441	Qty -443	Qty -013	PART NUMBER	DESCRIPTION
	X					D206-642-411	SKIDTUBE INSTALLATION, LH
		X				D206-642-412	SKIDTUBE INSTALLATION, RH
	1	1	X			D206-642-441	SKIDTUBE
				X		D206-642-443	WEARSHOE KIT
	1	1			X	D206-648-013	GROUND HANDLING KIT
30	1	1				D3407-043	TOW RING ASSEMBLY
32A	1	1				D3456-1	WASHER
32B	2	2				D3457-1	WASHER
33	1	1				MS21043-4	NUT
34	1	1				AN4C5A	BOLT
35	1	1				AN960C416	WASHER
36	1	1				D3413-1	RING
40					2	D3414-041	LUG ASSEMBLY
41					4	AN3C37A	BOLT
42					8	D2652	BUSHING
43					4	MS21043-3	NUT
44					4	AN960C10	WASHER

WAS:

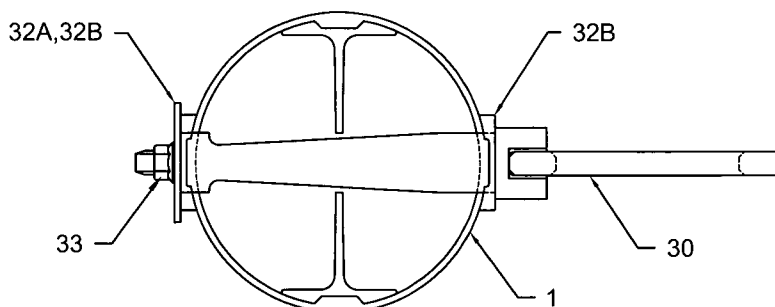
ITEM	Qty -411	Qty -412	Qty -441	Qty -443	Qty -011	PART NUMBER	DESCRIPTION
	X					D206-642-411	SKIDTUBE INSTALLATION, LH
		X				D206-642-412	SKIDTUBE INSTALLATION, RH
	1	1	X			D206-642-441	SKIDTUBE
				X		D206-642-443	WEARSHOE KIT
	1	1			X	D206-648-011	GROUND HANDLING KIT
30	1	1				D2707-043 (OR D2968-043)	TOW RING
31	1	1				AN960JD1016	WASHER
32	1	1				AN970-4	WASHER
33	1	1				MS21042-4	NUT (OR MS21042L4)
34	1	1				AN4-5A	BOLT
35	1	1				AN960JD416	WASHER
36	1	1				D2655	RING
40					2	D2659	GHW LUG
41					4	AN3-37A	BOLT
42					8	D2652	BUSHING
43					4	MS21042-3	NUT (OR MS21042L3)
44					4	AN960DJ10	WASHER

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INSTALL TOW RING ASSEMBLY AS SHOWN BELOW (REFER TO DETAIL D OF D206-642 REV. L AND DETAIL D OF ICA-D206-642 REV. 1). AMEND SECTION 3.3 OF OF D206-642 REV. L AND SECTION 32.6 OF ICA-D206-642 REV. 1 ACCORDINGLY.

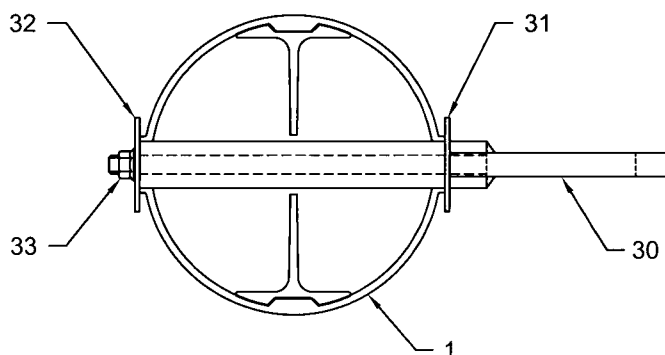
**IS:**

**DETAIL D**  
206L/L-1/L-3/L-4/407 ONLY

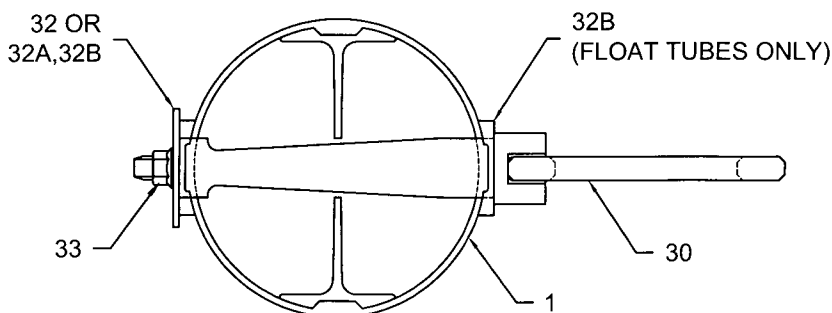


**WAS:**

**DETAIL D**  
206L/L-1/L-3/L-4/407 ONLY



**OR**



NO PICTORIAL CHANGE REQUIRED FOR D3413-1 RING AND/OR D3414-041 LUG ASSEMBLY LUG CHANGE.

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